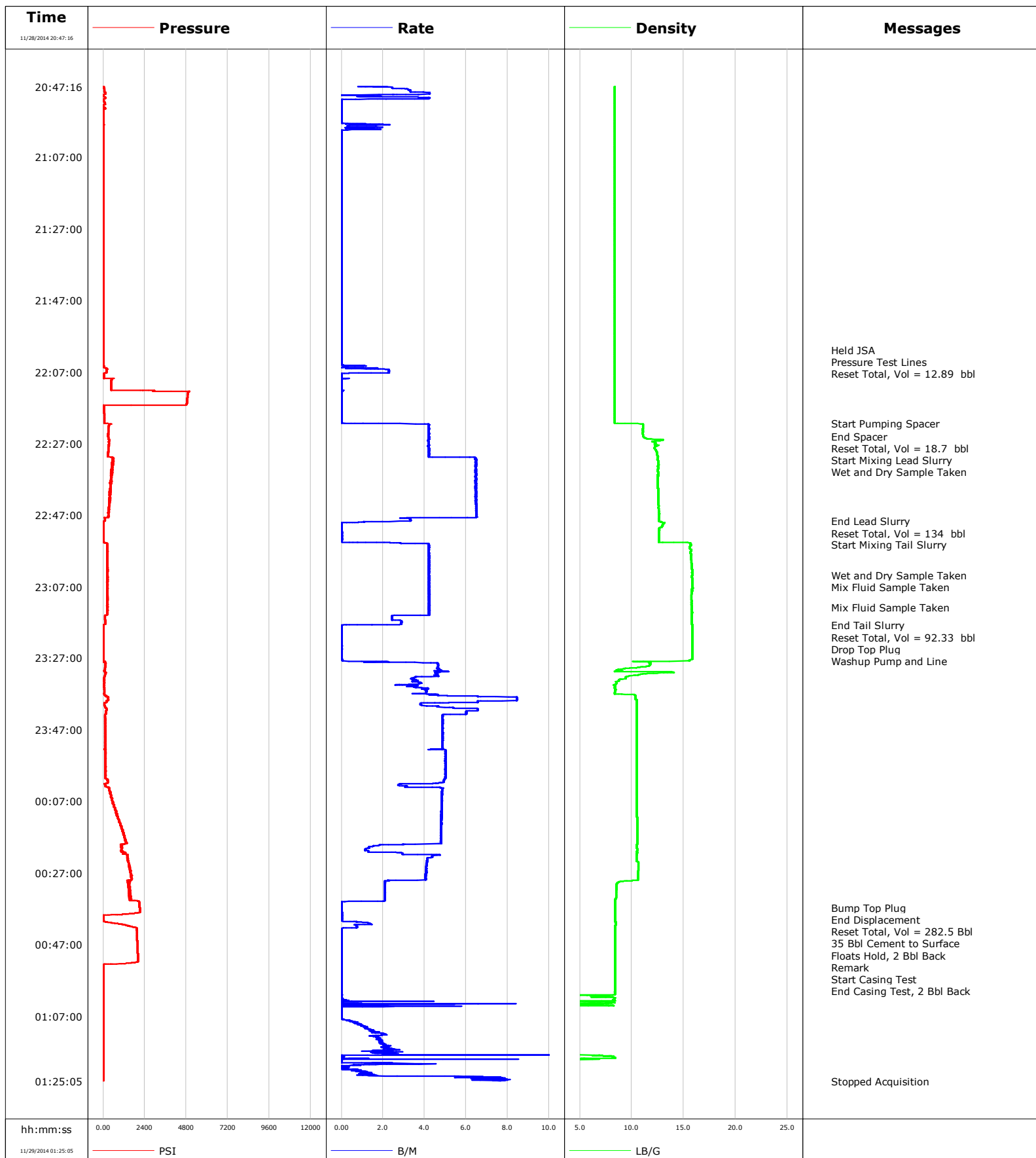


Well Windsor LV E-14H
Field Wattenberg
Engineer Ryan Drilling/Trent Sherfield
Country United States

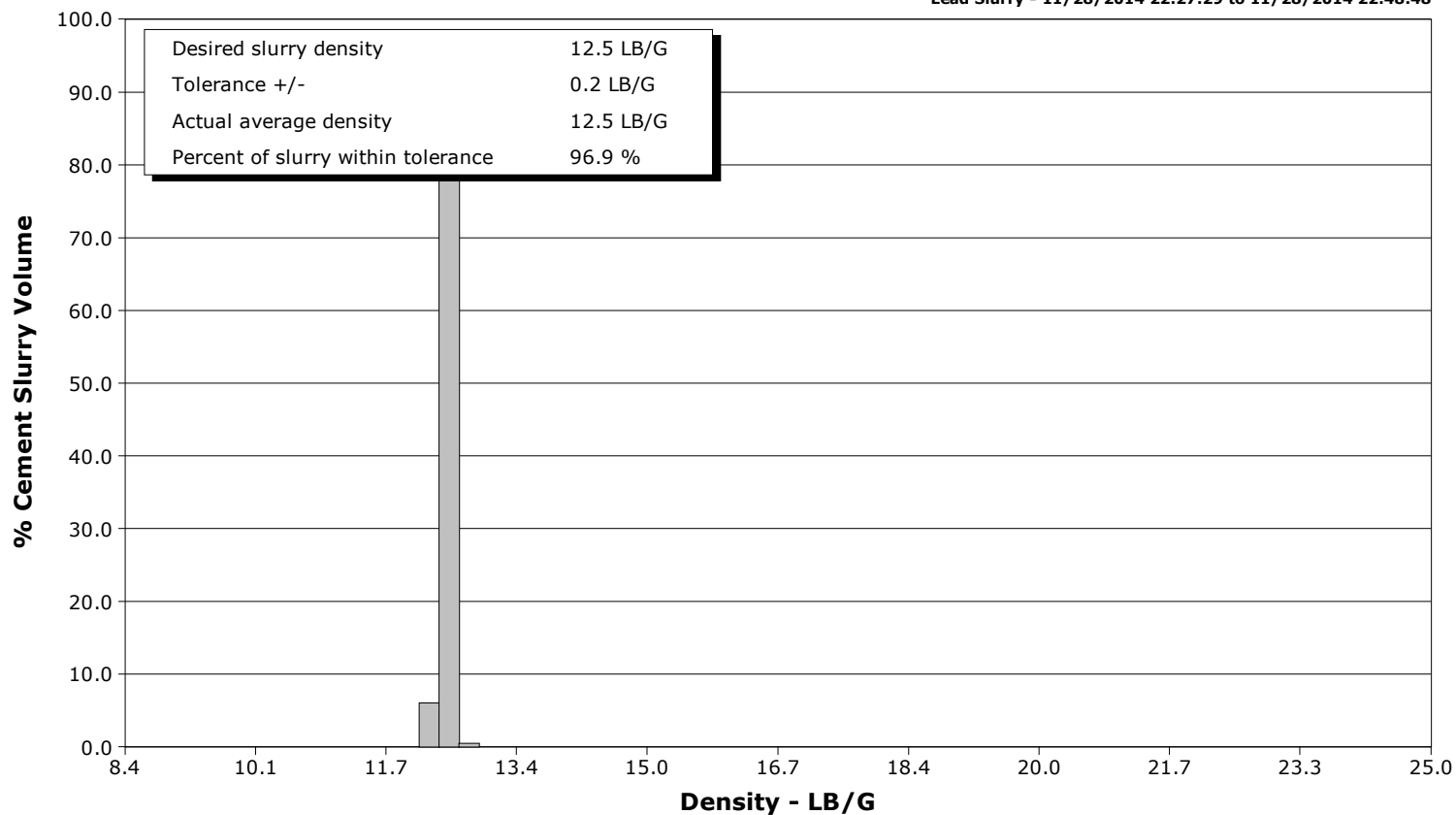
Client Extraction
SIR No. D2IK-00495
Job Type 7" Intermediate
Job Date 11/29/14



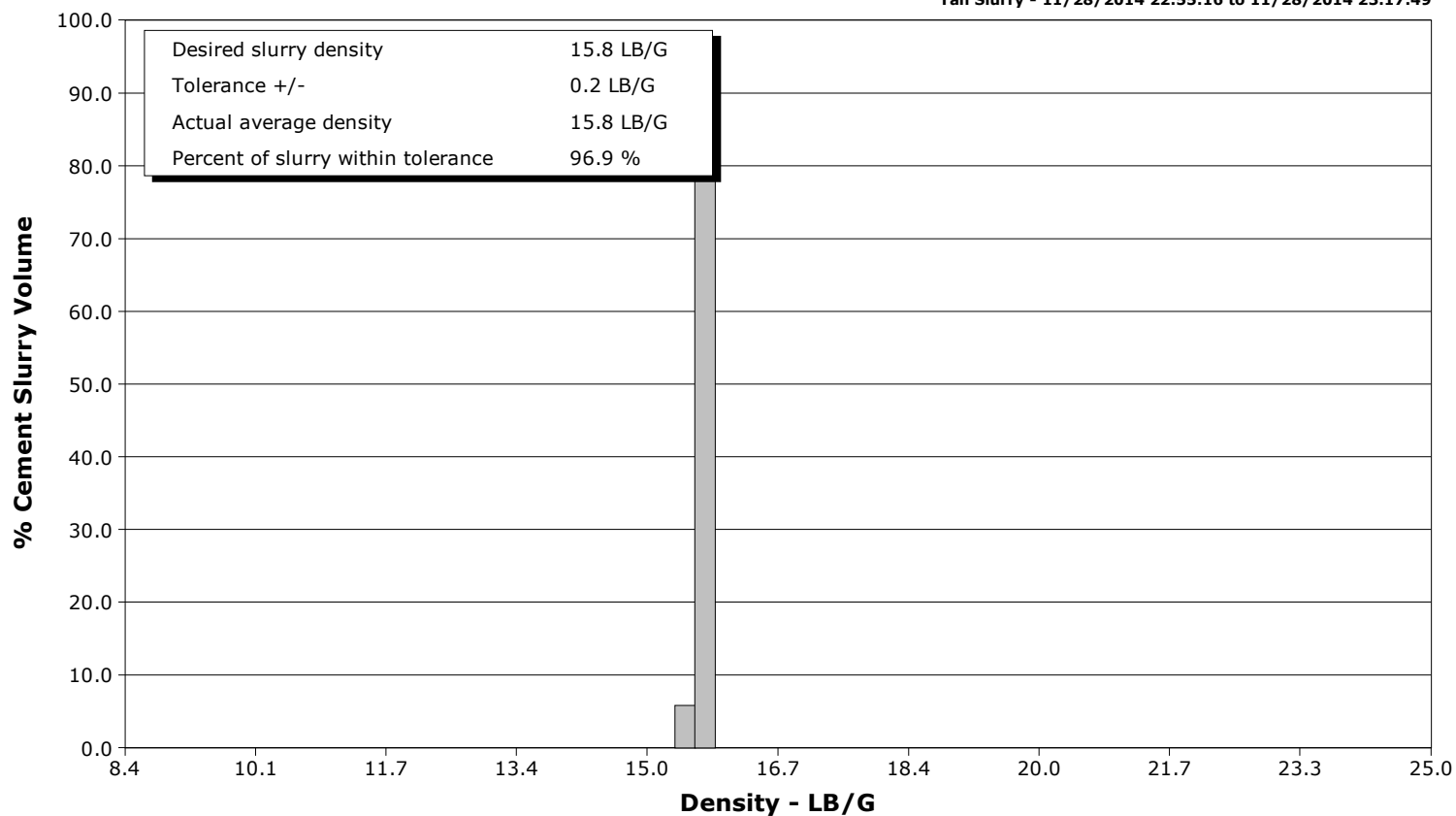
Well Windsor LV E-14H
Field Wattenberg
Engineer Ryan Drilling/Trent Sherfield
Country United States

Client Extraction
SIR No. D2IK-00495
Job Type 7" Intermediate
Job Date 11/29/14

Lead Slurry - 11/28/2014 22:27:29 to 11/28/2014 22:48:48



Tail Slurry - 11/28/2014 22:55:16 to 11/28/2014 23:17:49



Cementing Service Report

					Customer Extraction			Job Number D2IK-00495	
Well Windsor LV E-14H E-14H			Location (legal) Cheyenne			Schlumberger Location Cheyenne		Job Start Nov/29/2014	
Field Wattenberg		Formation Name/Type Shale		Deviation 90 deg		Bit Size 8.8 in		Well MD 7430.0 ft	
County Weld		State/Province Colorado		BHP psi		BHST 207 degF		BHCT 168 degF	
Well Master 0631501176		API/UWI						Pore Press. Gradient lb/gal	
Rig Name H&P 319		Drilled For Oil		Service Via Land		Casing/Liner			
						Depth, ft		Size, in	
						Weight, lb/ft		Grade	
Offshore Zone		Well Class New		Well Type Development		700.0		9.6	
						7430.0		7.0	
						36.0		K55	
						26.0		K55	
Drilling Fluid Type Bentonite		Max. Density 10.40 lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe			
						T/D		Depth, ft	
						Size, in		Weight, lb/ft	
						Grade		Thread	
Service Line Cementing		Job Type 7" Intermediate							
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection Single Cement head		Perforations/Open Hole			
						Top, ft		Bottom, ft	
						shot/ft		No. of Shots	
								Total Interval ft	
						ft		ft	
						ft		ft	
						Treat Down Casing		Displacement 282.5 bbl	
						Packer Type		Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 282.5 bbl	
						Annular Vol. 20.8 bbl		Openhole Vol. 180.2 bbl	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>				Casing Tools		Squeeze Job	
Lift Pressure psi						Shoe Type Guide		Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 7430.0 ft		Tool Type	
No. Centralizers		Top Plugs 1		Bottom Plugs		Stage Tool Type		Tool Depth ft	
Cement Head Type Single						Stage Tool Depth ft		Tail Pipe Size in	
Job Scheduled For Nov/28/2014 19:00		Arrived on Location Nov/28/2014 19:00		Leave Location Nov/29/2014 02:00		Collar Type Float		Tail Pipe Depth ft	
						Collar Depth 7383.7 ft		Sqz. Total Vol. bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message		
11/28/2014	22:55:16	245	4.2	15.67	154.8	5	Started Acquisition		
11/28/2014	22:56:16	242	4.2	15.56	159.1	12			
11/28/2014	22:57:16	249	4.2	15.66	163.3	20			
11/28/2014	22:58:16	246	4.2	15.72	167.5	25			
11/28/2014	22:59:16	248	4.2	15.68	171.7	26			
11/28/2014	23:00:16	253	4.2	15.74	175.9	30			
11/28/2014	23:01:16	248	4.2	15.81	180.1	33			
11/28/2014	23:02:16	258	4.2	15.81	184.3	34			
11/28/2014	23:03:16	243	4.2	15.81	188.5	35			
11/28/2014	23:03:49	250	4.2	15.81	190.8	35	Wet and Dry Sample Taken		
11/28/2014	23:04:16	247	4.2	15.80	192.7	36			
11/28/2014	23:05:16	259	4.2	15.84	197.0	37			
11/28/2014	23:05:49	250	4.2	15.83	199.3	36	Mix Fluid Sample Taken		
11/28/2014	23:06:16	246	4.2	15.84	201.2	36			
11/28/2014	23:07:16	245	4.2	15.84	205.4	36			
11/28/2014	23:08:16	241	4.2	15.81	209.6	35			
11/28/2014	23:09:16	251	4.2	15.74	213.8	36			
11/28/2014	23:10:16	254	4.2	15.75	218.0	37			
11/28/2014	23:11:16	245	4.2	15.75	222.2	36			
11/28/2014	23:12:16	253	4.2	15.77	226.5	37			
11/28/2014	23:12:39	255	4.2	15.78	228.1	36	Mix Fluid Sample Taken		

Well Windsor LV E-14H E-14H			Field Wattenberg		Job Start Nov/29/2014	Customer Extraction		Job Number D2IK-00495
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message	
11/28/2014	23:14:16	241	4.2	15.83	234.9	35		
11/28/2014	23:15:16	104	2.5	15.80	238.7	35		
11/28/2014	23:16:16	95	2.5	15.80	241.2	35		
11/28/2014	23:17:16	119	2.9	15.79	244.0	35		
11/28/2014	23:17:49	20	0.0	15.84	245.1	0	End Tail Slurry	
11/28/2014	23:18:16	20	0.0	15.84	245.1	0		
11/28/2014	23:19:16	19	0.0	15.83	245.1	0		
11/28/2014	23:20:16	19	0.0	15.83	245.1	0		
11/28/2014	23:21:09	19	0.0	15.82	245.1	0	Reset Total, Vol = 92.33 bbl	
11/28/2014	23:21:16	19	0.0	15.82	0.0	0		
11/28/2014	23:21:17	19	0.0	15.82	0.0	0	Drop Top Plug	
11/28/2014	23:21:34	19	0.0	15.82	0.0	0	Washup Pump and Line	
11/28/2014	23:22:16	19	0.0	15.83	0.0	0		
11/28/2014	23:23:16	19	0.0	15.83	0.0	0		
11/28/2014	23:24:16	19	0.0	15.83	0.0	0		
11/28/2014	23:25:16	19	0.0	15.83	0.0	0		
11/28/2014	23:26:16	18	0.0	15.83	0.0	0		
11/28/2014	23:27:16	17	0.0	15.83	0.0	0		
11/28/2014	23:28:16	143	3.9	11.85	0.9	0		
11/28/2014	23:29:16	128	4.7	11.62	5.5	0		
11/28/2014	23:30:16	87	4.7	8.63	10.2	0		
11/28/2014	23:31:16	130	4.6	11.63	14.9	25		
11/28/2014	23:32:16	64	3.6	9.45	19.4	7		
11/28/2014	23:33:16	60	3.7	8.78	22.9	6		
11/28/2014	23:34:16	50	3.6	8.47	26.5	0		
11/28/2014	23:35:16	58	3.8	8.35	29.9	22		
11/28/2014	23:36:16	63	4.1	8.38	33.9	0		
11/28/2014	23:37:16	76	4.4	10.29	38.1	0		
11/28/2014	23:38:16	284	8.4	10.34	45.0	0		
11/28/2014	23:39:16	181	6.6	10.48	52.8	0		
11/28/2014	23:40:16	78	3.9	10.47	57.2	0		
11/28/2014	23:41:16	189	6.6	10.48	62.5	0		
11/28/2014	23:42:16	164	6.0	10.49	68.7	0		
11/28/2014	23:43:16	125	4.9	10.49	74.1	0		
11/28/2014	23:44:16	120	4.9	10.50	79.0	0		
11/28/2014	23:45:16	110	4.9	10.50	83.9	0		
11/28/2014	23:46:16	109	4.9	10.50	88.8	0		
11/28/2014	23:47:16	111	4.9	10.50	93.6	0		
11/28/2014	23:48:16	125	4.9	10.51	98.5	0		
11/28/2014	23:49:16	115	4.9	10.51	103.4	0		
11/28/2014	23:50:16	128	4.9	10.51	108.3	0		
11/28/2014	23:51:16	107	4.9	10.51	113.1	0		
11/28/2014	23:52:16	119	4.9	10.51	118.0	0		
11/28/2014	23:53:16	130	5.0	10.51	122.9	0		
11/28/2014	23:54:16	124	5.0	10.51	127.9	0		
11/28/2014	23:55:16	137	5.0	10.51	132.9	0		
11/28/2014	23:56:16	134	5.0	10.51	137.9	0		
11/28/2014	23:57:16	144	5.0	10.51	142.9	0		
11/28/2014	23:58:16	140	5.0	10.51	147.9	0		
11/28/2014	23:59:16	125	5.0	10.50	152.9	0		
11/29/2014	00:00:16	135	5.0	10.50	158.0	0		
11/29/2014	00:01:16	248	4.9	10.50	162.9	0		
11/29/2014	00:02:16	102	2.8	10.49	167.3	0		
11/29/2014	00:03:16	353	4.8	10.50	170.7	0		

Well Windsor LV E-14H E-14H			Field Wattenberg		Job Start Nov/29/2014	Customer Extraction		Job Number D2IK-00495
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message	
11/29/2014	00:05:16	454	4.8	10.49	180.4	0		
11/29/2014	00:06:16	514	4.8	10.49	185.2	0		
11/29/2014	00:07:16	571	4.8	10.50	190.1	0		
11/29/2014	00:08:16	630	4.8	10.50	194.9	0		
11/29/2014	00:09:16	675	4.8	10.50	199.7	0		
11/29/2014	00:10:16	741	4.8	10.52	204.5	0		
11/29/2014	00:11:16	838	4.8	10.52	209.3	0		
11/29/2014	00:12:16	899	4.8	10.53	214.1	0		
11/29/2014	00:13:16	999	4.8	10.53	218.9	0		
11/29/2014	00:14:16	1045	4.8	10.54	223.7	0		
11/29/2014	00:15:16	1136	4.8	10.54	228.5	0		
11/29/2014	00:16:16	1159	4.8	10.55	233.3	0		
11/29/2014	00:17:16	1241	4.8	10.55	238.1	0		
11/29/2014	00:18:16	1306	4.8	10.53	242.9	0		
11/29/2014	00:19:16	1110	1.8	10.50	246.9	0		
11/29/2014	00:20:16	1049	1.2	10.53	248.3	0		
11/29/2014	00:22:16	1399	4.4	10.46	253.1	0		
11/29/2014	00:23:16	1426	4.1	10.46	257.4	0		
11/29/2014	00:24:16	1477	4.1	10.66	261.5	0		
11/29/2014	00:25:16	1527	4.1	10.66	265.6	0		
11/29/2014	00:26:16	1571	4.1	10.65	269.7	0		
11/29/2014	00:27:16	1605	4.0	10.59	273.8	0		
11/29/2014	00:28:16	1639	4.0	10.58	277.8	0		
11/29/2014	00:29:16	1397	2.1	9.40	281.5	0		
11/29/2014	00:30:16	1543	2.1	8.55	283.6	0		
11/29/2014	00:31:16	1547	2.1	8.52	285.7	0		
11/29/2014	00:32:16	1484	2.1	8.52	287.7	0		
11/29/2014	00:33:16	1546	2.1	8.51	289.8	0		
11/29/2014	00:34:16	1570	2.1	8.44	291.9	0		
11/29/2014	00:35:16	2083	0.0	8.42	293.4	0		
11/29/2014	00:36:16	2105	0.0	8.42	293.4	0		
11/29/2014	00:36:42	2113	0.0	8.43	293.4	0	Bump Top Plug	
11/29/2014	00:36:43	2113	0.0	8.43	293.4	0	End Displacement	
11/29/2014	00:36:45	2114	0.0	8.43	293.4	0	35 Bbl Cement to Surface	
11/29/2014	00:37:16	2123	0.0	8.42	293.4	0		
11/29/2014	00:38:16	1854	0.0	8.41	293.4	0		
11/29/2014	00:39:16	17	0.0	8.40	293.4	0		
11/29/2014	00:39:55	19	0.0	8.40	293.4	0	Remark	
11/29/2014	00:40:16	21	0.0	8.40	293.4	0		
11/29/2014	00:41:16	973	1.4	8.44	294.3	0		
11/29/2014	00:41:55	1592	0.7	8.42	294.8	0	Start Casing Test	
11/29/2014	00:42:16	1886	0.7	8.42	295.1	0		
11/29/2014	00:43:16	1946	0.0	8.42	295.2	0		
11/29/2014	00:44:16	1956	0.0	8.43	295.2	0		
11/29/2014	00:45:16	1965	0.0	8.42	295.2	0		
11/29/2014	00:46:16	1974	0.0	8.41	295.2	0		
11/29/2014	00:47:16	1982	0.0	8.40	295.2	0		
11/29/2014	00:48:16	1990	0.0	8.40	295.2	0		
11/29/2014	00:49:16	1998	0.0	8.39	295.2	0		
11/29/2014	00:50:16	2005	0.0	8.39	295.2	0		
11/29/2014	00:51:16	2013	0.0	8.39	295.2	0		
11/29/2014	00:52:16	1344	0.0	8.38	295.3	0		
11/29/2014	00:52:56	16	0.0	8.38	295.3	0	End Casing Test, 2 Bbl Back	
11/29/2014	00:53:16	17	0.0	8.38	295.3	0		

Well Windsor LV E-14H E-14H			Field Wattenberg		Job Start Nov/29/2014	Customer Extraction		Job Number D2IK-00495
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message	
11/29/2014	00:55:16	17	0.0	8.38	295.3	0		
11/29/2014	00:56:16	17	0.0	8.38	295.3	0		
11/29/2014	00:57:16	17	0.0	8.38	295.3	0		
11/29/2014	00:58:16	14	0.0	8.38	295.3	0		
11/29/2014	00:59:16	14	0.0	8.38	295.3	0		
11/29/2014	01:00:16	14	0.0	8.38	295.3	0		
11/29/2014	01:01:16	13	0.0	6.53	295.4	0		
11/29/2014	01:02:16	13	0.1	8.34	295.4	0		
11/29/2014	01:03:16	13	0.1	8.38	295.6	0		

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl							
Slurry	N2	Mud	Maximum Rate		Total Slurry 126.3	Mud	Spacer 18.7	N2				
Treating Pressure Summary, psi					Breakdown Fluid							
Maximum	Final 0	Average	Bump Plug to 2100	Breakdown	Type	Volume bbl	Density lb/gal					
Avg. N2 Percent %	Designed Slurry Volume 230.0 bbl	Displacement 282.5 bbl	Mix Water Temp 70 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume 35.0 bbl						
				Washed Thru Perfs <input type="checkbox"/>		To ft						
Customer or Authorized Representative Sean McIntyre			Schlumberger Supervisor Ryan Drilling/Trent Sherfield			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>					
						-	-					